



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

www.buildingcodeonline.com

YKK AP America, Inc.
332 Firetower Road
Dublin, GA 31021

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series YHS-50 FS Flush Glazed Aluminum Storefront System – L.M.I.
(w/ and w/o Steel Reinforcement)

APPROVAL DOCUMENT: Drawing No. W01-47, titled "YHS-50 FS Alum. Flush Glaze Storefront Sys. (L.M.)", sheets 1 through 9 of 9, dated 07/25/01 with revision C dated 08/18/06, prepared by Al Farooq Corporation, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA # 02-0215.16 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



NOA No. 06-1026.08
Expiration Date: August 15, 2012
Approval Date: December 28, 2006
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W01-47**, Sheets 1 through 9 of 9, titled "YHS-50 FS Alum. Flush Glaze Storefront Sys. (L.M.)", dated 07/25/01 with revision C dated 08/18/06, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.

B. TESTS


1. Test reports on
 - 1) Air Infiltration Test, per PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
 - 3) Water Resistance Test, per PA 202-94
 - 4) Large Missile Impact Test, SFBC PA 201-94
 - 5) Cyclic Loading Test, per SFBC PA 203-94along with installation diagram of an aluminum storefront system with no jamb anchors, marked-up by National Certified Testing Laboratories, Inc. Test Reports Nos. **NCTL-210-2627-3** and **4**, dated 12/11/00 and 12/19/00 respectively, signed and sealed by Barry D. Portnoy, P.E. (This test report has been revised per addendum letter dated June 20, 2002 issued by National Certified Testing Laboratories, Inc, signed and sealed by Barry D. Portnoy, P.E.
(Submitted under NOA #02-0215.16)
2. Test reports on
 - 1) Large Missile Impact Test
 - 2) Uniform Static Air Pressure Test, Loading per PA 202-94along with additional supporting evidence of an aluminum storefront system marked-up by Hurricane Test Laboratory, LLC, Test Reports Nos. **HTL-0231-0111-05**, dated 02/10/05, signed and sealed by Vinu Abraham, P.E.
(Submitted under NOA #02-0215.16)

C. CALCULATIONS:

1. Anchor Calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, dated 09/02/06, signed and sealed by Humayoun Farooq, P.E.
Complies with ASTM E1300-02
2. Anchor Calculations and structural analysis, prepared by Al-Farooq Corporation, dated 11-12-01, 06-14-02 and 07-18-02, signed and sealed by Dr. Humayoun Farooq, P.E.
(Submitted under NOA #02-0215.16)

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).


Manuel Perez, P.E.
Product Control Examiner
NOA No. 06-1026.08
Expiration Date: August 15, 2012
Approval Date: December 28, 2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **01-0205.02** issued to Solutia Inc, for “Saflex /Keepsafe Max”, expiring on 05/21/2006.
2. Notice of Acceptance No. **00-1212.04** issued to E.I. Dupont De Nemour. for “Dupont Butacite PVB”, expiring on 12/11/2005.
3. Notice of Acceptance No. **03-0421.01** issued to Solutia Inc. for their “**Saflex HP a polyvinyl butyral interlayer for lamination of glass.**” dated 05/22/03, expiring on 04/14/08.

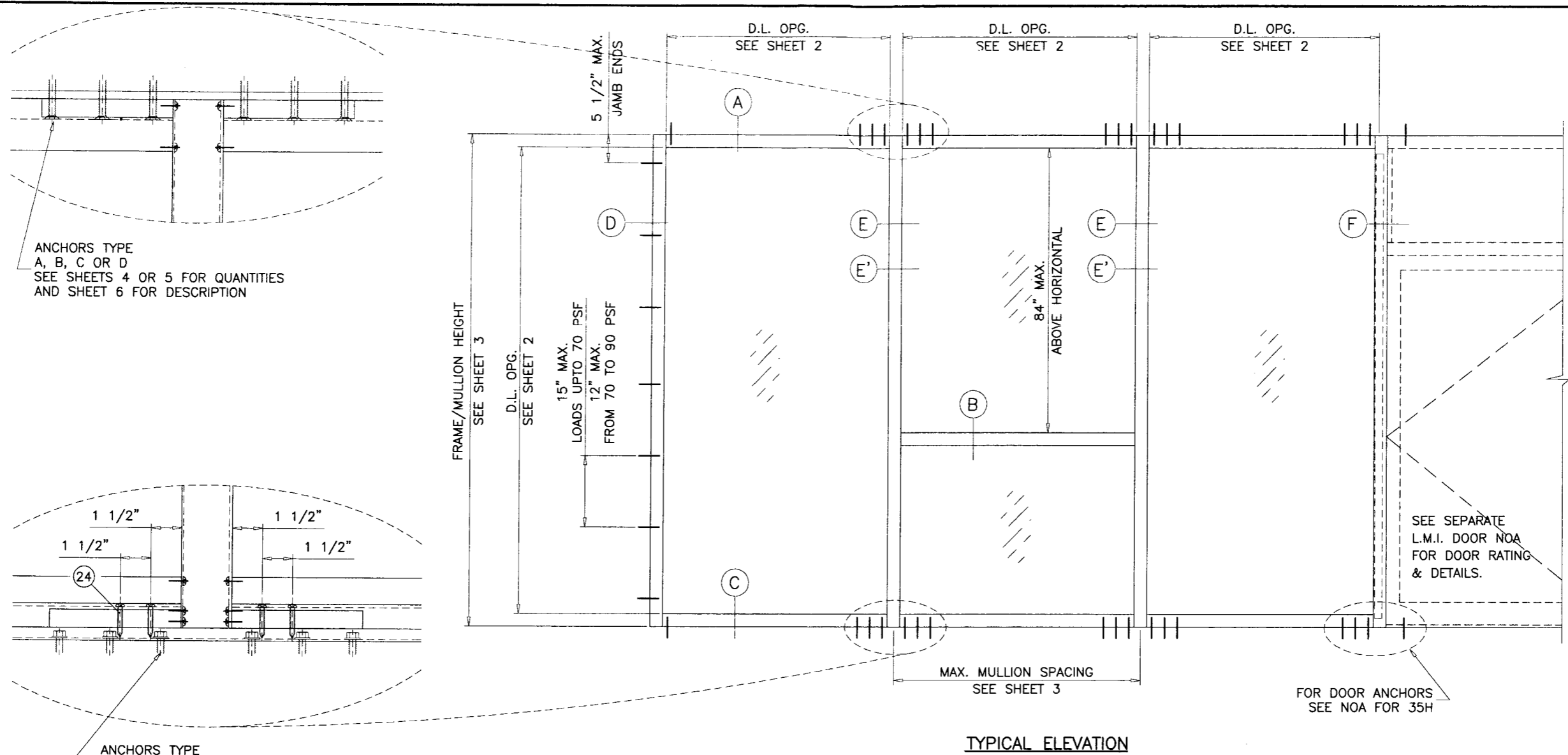
F. STATEMENTS

1. Statement letter of conformance, dated September 2, 2006, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated September 2, 2006, signed and sealed by Humayoun Farooq, P.E.

G. OTHER

1. Notice of Acceptance No. **02-0215.16**, issued to YKK AP America for their Series “YHS-50” Aluminum Glazed Storefront System-Impact, approved on 08/15/02 and expiring on 08/15/07.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 06-1026.08
Expiration Date: August 15, 2012
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ANCHORS TYPE
A, B, C OR D
SEE SHEETS 4 OR 5 FOR QUANTITIES
AND SHEET 6 FOR DESCRIPTION

ANCHORS TYPE
A, B, C OR D
SEE SHEETS 4 OR 5 FOR QUANTITIES
AND SHEET 6 FOR DESCRIPTION

SERIES YHS-50 FS
ALUMINUM FLUSH GLAZED STOREFRONT SYSTEM

THIS SYSTEM MAY BE USED IN CONJUNCTION WITH
OUTSWING ENTRANCE DOORS MODEL 35H.
THIS SYSTEM IS RATED FOR LARGE MISSILE IMPACT.
SHUTTERS NOT REQUIRED.

CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED
FOR ANY KIND OF GLASS BEING USED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING
HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER
LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS
EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS
ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF
ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO
CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS
OF 2004 FLORIDA BLDG. CODE SECTION 2003.8.4.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED
ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE
USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** SEE CHARTS ON SHEETS 2 FOR DESIGN LOAD CAPACITY
OF DESIRED GLASS SIZE BASED ON APPLICABLE
WIND DURATION.
- STEP 3** CHECK MULLION CAPACITY FOR A GIVEN SPACING AND
HEIGHT USING CHARTS ON SHEET 3
THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 4** USING CHART ON SHEETS 4 OR 5 SELECT ANCHOR OPTION
WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED
IN STEP 1 ABOVE.
- STEP 5** THE LOWEST VALUE RESULTING FROM STEPS 2, 3
AND 4 SHALL APPLY TO ENTIRE SYSTEM.

LAMINATED GLASS
LARGE MISSILE IMPACT

Engr. DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

AUG 17 2006

PRODUCT REVISED
as complying with the Florida
Building Code
Approval No. 06-1076-08
Expiration Date AUG 15, 2012
By: *Manuel Perez*
Release Date Product Control
Division

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

STORE/W01-47YKK

YHS-50 FS ALUM FLUSH GLAZE STOREFRONT SYS. (L.M.)
YKK AP AMERICA INC.
332 FIRETOWER ROAD
DUBLIN, GEORGIA 31021
TEL.(478) 277-1955 FAX(478) 277-1978

YKK AP

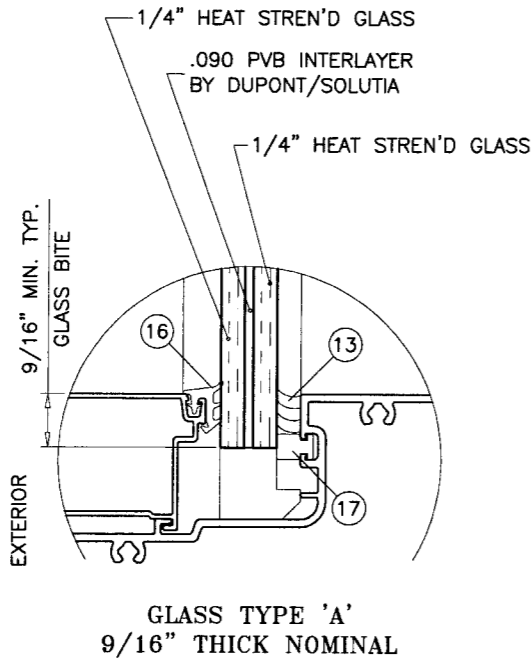
revisions:		no	date	by	description
A	06.17.02	REV. PER BCCO COMMENTS			
B	07.23.02	REV. PER BCCO COMMENTS			
C	08.18.06	UPDATED FOR 2004 FBC			

date: 07-25-01
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W01-47
sheet 1 of 9

GLASS DESIGN LOAD CAPACITY - PSF		
NOMINAL DIMS.		GLASS TYPE 'A'
D.L.O. WIDTH	D.L.O. HEIGHT	EXT. (+) INT. (-)
36"	60"	65.0
42"		65.0
48"		65.0
54"		65.0
57-1/2"		65.0
60"		65.0
66"	66"	65.0
72"		65.0
36"		65.0
42"		65.0
48"		65.0
54"		65.0
57-1/2"		65.0
60"		65.0
66"		65.0
36"	72"	65.0
42"		65.0
48"		65.0
54"		65.0
57-1/2"		65.0
60"		65.0
36"	78"	65.0
42"		65.0
48"		65.0
54"		65.0
57-1/2"		65.0
60"		65.0
36"	80-7/8"	65.0
42"		65.0
48"		65.0
54"		65.0
57-1/2"		65.0
60"		65.0
36"	84"	65.0
42"		65.0
48"		65.0
54"		65.0
57-1/2"		65.0
60"		65.0
36"	90"	65.0
42"		65.0
48"		65.0
54"		65.0
57-1/2"		65.0
60"		65.0
36"	96"	65.0
42"		65.0
48"		65.0
54"		65.0
57-1/2"		65.0
60"		65.0
36"	102"	65.0
42"		65.0
48"		65.0
54"		65.0
57-1/2"		65.0
60"		65.0
36"	108"	65.0
42"		65.0
48"		65.0
54"		65.0
57-1/2"		65.0
60"		65.0
36"	114"	65.0
42"		65.0
48"		65.0
54"		65.0
57-1/2"		65.0
60"		65.0
36"	120"	65.0
42"		65.0
48"		65.0
54"		65.0
57-1/2"		65.0
60"		65.0

GLASS CAPACITIES ON THIS CHART ARE BASED ON
A: ASTM E1300-98 (60 SEC. WIND)
B: ASTM E1300-02 (3 SEC. GUSTS).

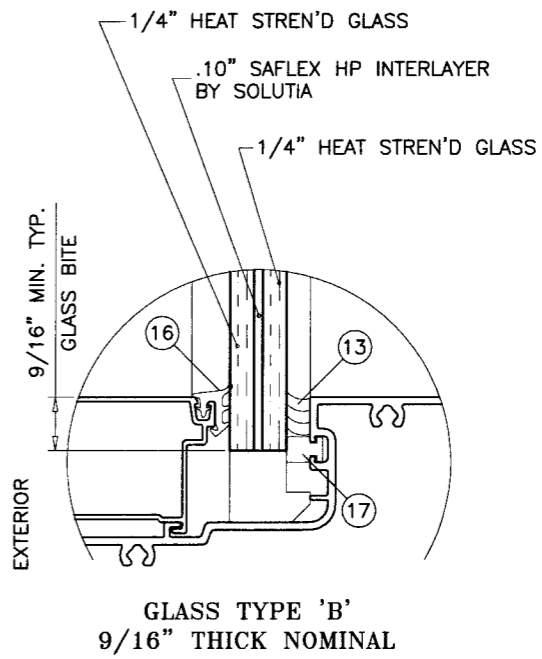
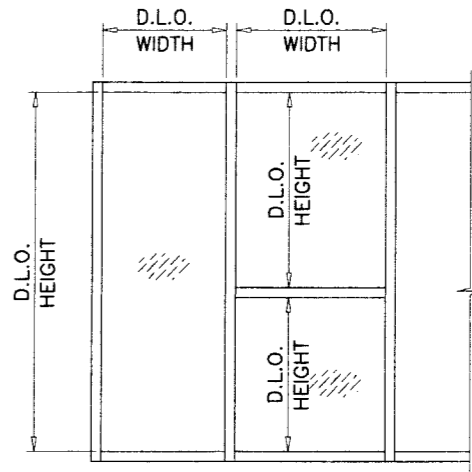


GLASS DESIGN LOAD CAPACITY - PSF		
NOMINAL DIMS.		GLASS TYPE 'B'
D.L.O. WIDTH	D.L.O. HEIGHT	EXT. (+) INT. (-)
36"	80-7/8"	90.0
42"		90.0
48"		90.0
54"		90.0
57-1/2"		90.0
60"		90.0
66"	84"	90.0
72"		90.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0
57-1/2"		90.0
60"		90.0
66"		90.0
72"		90.0
36"	90"	90.0
42"		90.0
48"		90.0
54"		90.0
57-1/2"		90.0
60"		90.0
66"	96"	84.6
72"		84.6
36"		90.0
42"		90.0
48"		90.0
54"		90.0
57-1/2"		89.7
60"	102"	86.1
66"		79.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0
57-1/2"		84.1
60"	108"	80.7
36"		90.0
42"		90.0
48"		90.0
54"		85.3
57-1/2"		79.2
60"	114-3/8"	75.7
36"		90.0
42"		90.0
48"		90.0
54"		80.8
57-1/2"		74.7
36"	120"	90.0
42"		90.0
48"		90.0
54"		90.0
57-1/2"		90.0
60"		77.5

GLASS CAPACITIES ON THIS CHART ARE BASED ON
ASTM E1300-98 (60 SEC. WIND)

GLASS DESIGN LOAD CAPACITY - PSF		
NOMINAL DIMS.		GLASS TYPE 'B'
D.L.O. WIDTH	D.L.O. HEIGHT	EXT. (+) INT. (-)
36"	80-7/8"	90.0
42"		90.0
48"		90.0
54"		90.0
57-1/2"		90.0
60"		90.0
66"	84"	90.0
72"		90.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0
57-1/2"		90.0
60"		90.0
66"	90"	90.0
72"		90.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0
57-1/2"		90.0
60"	96"	90.0
66"		90.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0
57-1/2"		90.0
60"	102"	90.0
66"		90.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0
57-1/2"		90.0
60"	108"	90.0
66"		90.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0
57-1/2"		90.0
60"	114-3/8"	90.0
66"		90.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0
57-1/2"		90.0
60"	120"	90.0
66"		90.0
36"		90.0
42"		90.0
48"		90.0
54"		90.0

GLASS CAPACITIES ON THIS CHART ARE BASED ON
ASTM E1300-02 (3 SEC. GUSTS).



Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

AUG 17 2006

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 06-1026-08
Expiration Date AUG 15, 2012
Miami Date Product Control
Division

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
STORE/W01-47YKK

YHS-50 FS ALUM FLUSH GLAZE STOREFRONT SYS. (L.M.)
YKK AP AMERICA INC.
332 FIRETOWER ROAD
DUBLIN, GEORGIA 31021
TEL.(478) 277-1955 FAX(478) 277-1978

revisions:	no	date	by	description
	C	08.18.06		UPDATED FOR 2004 FBC

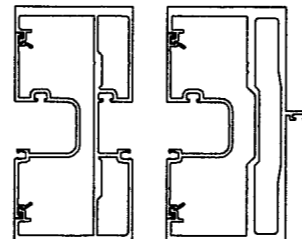
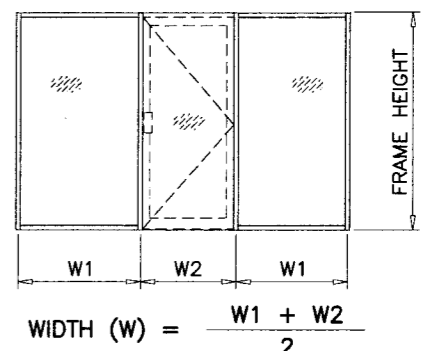
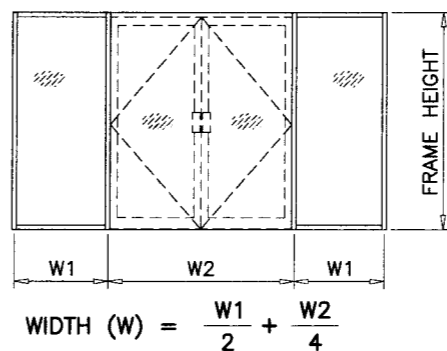
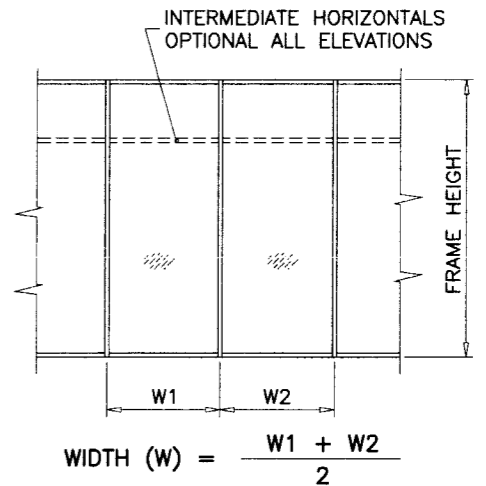
date: 07-25-01
scale: -
dr. by: HAMID
chk. by:

drawing no.
W01-47
sheet 2 of 9

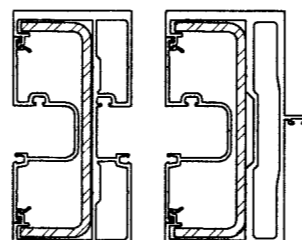
MULLION LOAD CAPACITY - PSF					
NOMINAL DIMS.		WITHOUT STEEL REINF.		WITH STEEL REINF.	
WIDTH (W)	FRAME HEIGHT	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
36"	78"	55.0	70.0	70.0	90.0
39"		55.0	70.0	70.0	90.0
42"		55.0	70.0	70.0	90.0
45"		55.0	70.0	70.0	90.0
48"		55.0	70.0	70.0	90.0
51"		55.0	70.0	70.0	90.0
54"		55.0	70.0	70.0	90.0
57"		55.0	70.0	70.0	90.0
60"		55.0	70.0	70.0	90.0
63"		55.0	70.0	70.0	90.0
66"		55.0	70.0	70.0	90.0
69"		55.0	70.0	70.0	90.0
72"		55.0	70.0	70.0	90.0
36"	84"	55.0	70.0	70.0	90.0
39"		55.0	70.0	70.0	90.0
42"		55.0	70.0	70.0	90.0
45"		55.0	70.0	70.0	90.0
48"		55.0	70.0	70.0	90.0
51"		55.0	70.0	70.0	90.0
54"		55.0	70.0	70.0	90.0
57"		55.0	70.0	70.0	90.0
60"		55.0	70.0	70.0	90.0
63"		55.0	70.0	70.0	90.0
66"		55.0	70.0	70.0	90.0
69"		-	-	70.0	90.0
72"		-	-	70.0	90.0
36"	90"	55.0	70.0	70.0	90.0
39"		55.0	70.0	70.0	90.0
42"		55.0	70.0	70.0	90.0
45"		55.0	70.0	70.0	90.0
48"		55.0	70.0	70.0	90.0
51"		55.0	70.0	70.0	90.0
54"		55.0	70.0	70.0	90.0
57"		55.0	70.0	70.0	90.0
60"		55.0	70.0	70.0	90.0
63"		55.0	70.0	70.0	90.0
66"		-	-	70.0	90.0
69"		-	-	70.0	90.0
72"		-	-	70.0	90.0
36"	96"	55.0	70.0	70.0	90.0
39"		55.0	70.0	70.0	90.0
42"		55.0	70.0	70.0	90.0
45"		55.0	70.0	70.0	90.0
48"		55.0	70.0	70.0	90.0
51"		55.0	70.0	70.0	90.0
54"		55.0	70.0	70.0	90.0
57"		55.0	70.0	70.0	90.0
60"		55.0	70.0	70.0	90.0
63"		-	-	70.0	90.0
66"		-	-	70.0	90.0
69"		-	-	70.0	90.0
72"		-	-	70.0	90.0

MULLION LOAD CAPACITY - PSF					
NOMINAL DIMS.		WITHOUT STEEL REINF.		WITH STEEL REINF.	
WIDTH (W)	FRAME HEIGHT	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
36"	102"	55.0	70.0	70.0	90.0
39"		55.0	70.0	70.0	90.0
42"		55.0	70.0	70.0	90.0
45"		55.0	70.0	70.0	90.0
48"		55.0	70.0	70.0	90.0
51"		55.0	70.0	70.0	90.0
54"		55.0	70.0	70.0	90.0
57"		-	-	70.0	90.0
60"		-	-	70.0	90.0
63"		-	-	70.0	90.0
66"		-	-	70.0	90.0
69"		-	-	70.0	90.0
36"	108"	55.0	70.0	70.0	90.0
39"		55.0	70.0	70.0	90.0
42"		55.0	70.0	70.0	90.0
45"		55.0	70.0	70.0	90.0
48"		55.0	70.0	70.0	90.0
51"		55.0	70.0	70.0	90.0
54"		-	-	70.0	90.0
57"		-	-	70.0	90.0
60"		-	-	70.0	90.0
63"		-	-	70.0	90.0
66"		-	-	70.0	89.7
36"	114"	55.0	70.0	70.0	90.0
39"		55.0	70.0	70.0	90.0
42"		55.0	70.0	70.0	90.0
45"		55.0	70.0	70.0	90.0
48"		55.0	70.0	70.0	90.0
51"		-	-	70.0	90.0
54"		-	-	70.0	90.0
57"		-	-	70.0	90.0
60"		-	-	70.0	88.6
63"		-	-	70.0	84.4
36"	120"	55.0	70.0	70.0	90.0
39"		55.0	70.0	70.0	90.0
42"		55.0	70.0	70.0	90.0
45"		55.0	65.5	70.0	90.0
48"		55.0	61.4	70.0	90.0
51"		-	-	70.0	90.0
54"		-	-	70.0	88.8
57"		-	-	70.0	84.2
60"		-	-	70.0	80.0
36"	126"	55.0	70.0	70.0	90.0
39"		55.0	65.3	70.0	90.0
42"		55.0	60.6	70.0	90.0
45"		55.0	56.6	70.0	90.0
48"		-	-	70.0	90.0
51"		-	-	70.0	85.3
54"		-	-	70.0	80.6
57"		-	-	70.0	76.3

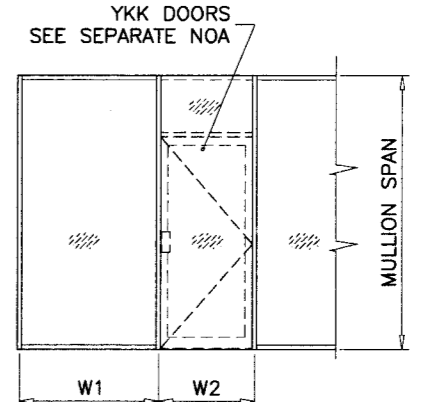
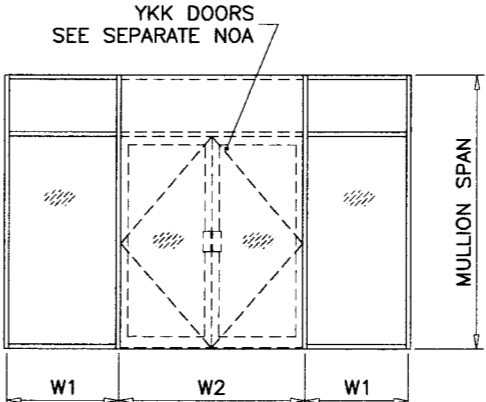
MULLION LOAD CAPACITY - PSF					
NOMINAL DIMS.		WITHOUT STEEL REINF.		WITH STEEL REINF.	
WIDTH (W)	FRAME HEIGHT	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
36"	132"	55.0	61.5	70.0	90.0
39"		55.0	56.8	70.0	90.0
42"		52.7	52.7	70.0	90.0
45"		-	-	70.0	88.1
48"		-	-	70.0	82.6
51"		-	-	70.0	77.7
54"		-	-	70.0	73.4
36"	138"	53.8	53.8	70.0	90.0
39"		49.7	49.7	70.0	90.0
42"		-	-	70.0	84.4
45"		-	-	70.0	78.8
48"		-	-	70.0	73.9
51"		-	-	69.5	69.5
36"	144"	47.4	47.4	70.0	86.7
39"		43.7	43.7	70.0	80.0
42"		-	-	70.0	74.3
45"		-	-	69.4	69.4
48"		-	-	65.0	65.0



WITHOUT STEEL REINF.



WITH STEEL REINF.



Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

AUG 17 2006

PRODUCT REVISED
to comply with the Florida
Building Code
Adopted by 06-1076-08
Effective Date AUG. 15, 2012
Manuel Perez

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

YHS-50 FS ALUM FLUSH GLAZE STOREFRONT SYS. (L.M.)

YKK AP AMERICA INC.
332 FIRETOWER ROAD
DUBLIN, GEORGIA 31021
TEL.(478) 277-1955 FAX(478) 277-1978

revisions:

no	date	by	description
C	08.18.06		UPDATED FOR 2004 FBC

date: 07-25-01

scale: -

dr. by: HAMID

chk. by:

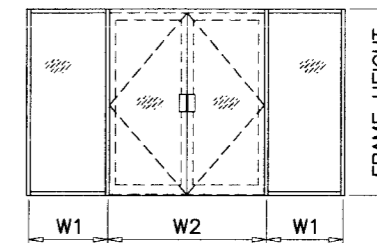
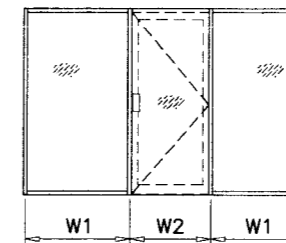
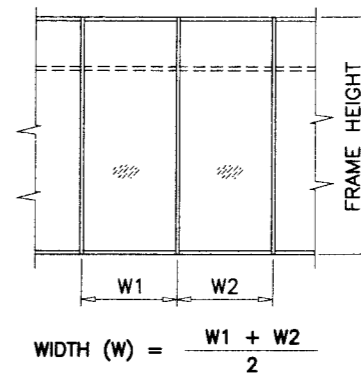
drawing no.
W01-47

sheet 3 of 9

ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-)					
NOMINAL DIMS.		ANCHOR TYPE 'A'			ANCHOR TYPE 'B'
WIDTH (W)	FRAME HEIGHT	A2	A3	A4	B2
36"	72"	90.0	90.0	90.0	90.0
39"		90.0	90.0	90.0	90.0
42"		90.0	90.0	90.0	90.0
45"		90.0	90.0	90.0	90.0
48"		90.0	90.0	90.0	90.0
51"		90.0	90.0	90.0	90.0
54"		90.0	90.0	90.0	90.0
57"		89.5	90.0	90.0	90.0
60"		85.1	90.0	90.0	90.0
63"		81.0	90.0	90.0	90.0
66"		77.3	90.0	90.0	90.0
69"		74.0	90.0	90.0	90.0
72"		70.9	90.0	90.0	90.0
75"		68.1	90.0	90.0	90.0
36"	78"	90.0	90.0	90.0	90.0
39"		90.0	90.0	90.0	90.0
42"		90.0	90.0	90.0	90.0
45"		90.0	90.0	90.0	90.0
48"		90.0	90.0	90.0	90.0
51"		90.0	90.0	90.0	90.0
54"		87.2	90.0	90.0	90.0
57"		82.7	90.0	90.0	90.0
60"		78.5	90.0	90.0	90.0
63"		74.8	90.0	90.0	90.0
66"		71.4	90.0	90.0	90.0
69"		68.3	90.0	90.0	90.0
72"		65.4	90.0	90.0	90.0
75"		62.8	90.0	90.0	90.0
36"	84"	90.0	90.0	90.0	90.0
39"		90.0	90.0	90.0	90.0
42"		90.0	90.0	90.0	90.0
45"		90.0	90.0	90.0	90.0
48"		90.0	90.0	90.0	90.0
51"		85.8	90.0	90.0	90.0
54"		81.0	90.0	90.0	90.0
57"		76.8	90.0	90.0	90.0
60"		72.9	90.0	90.0	90.0
63"		69.4	90.0	90.0	90.0
66"		66.3	90.0	90.0	90.0
69"		63.4	90.0	90.0	90.0
72"		60.8	90.0	90.0	87.8
75"		58.3	87.5	90.0	84.3
36"	90"	90.0	90.0	90.0	90.0
39"		90.0	90.0	90.0	90.0
42"		90.0	90.0	90.0	90.0
45"		90.0	90.0	90.0	90.0
48"		85.1	90.0	90.0	90.0
51"		80.1	90.0	90.0	90.0
54"		75.6	90.0	90.0	90.0
57"		71.6	90.0	90.0	90.0
60"		68.1	90.0	90.0	90.0
63"		64.8	90.0	90.0	90.0
66"		61.9	90.0	90.0	89.4
69"		59.2	88.8	90.0	85.5
72"		56.7	85.1	90.0	82.0
75"		54.4	81.7	90.0	78.7

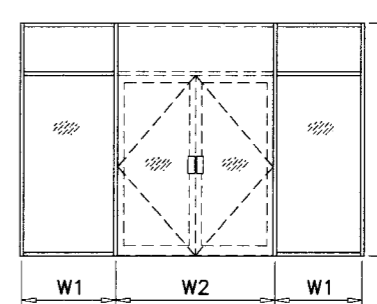
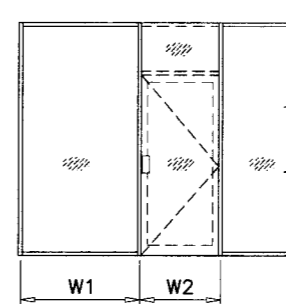
ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-)					
NOMINAL DIMS.		ANCHOR TYPE 'A'			ANCHOR TYPE 'B'
WIDTH (W)	FRAME HEIGHT	A2	A3	A4	B2
36"	96"	90.0	90.0	90.0	90.0
39"		90.0	90.0	90.0	90.0
42"		90.0	90.0	90.0	90.0
45"		85.1	90.0	90.0	90.0
48"		79.8	90.0	90.0	90.0
51"		75.1	90.0	90.0	90.0
54"		70.9	90.0	90.0	90.0
57"		67.2	90.0	90.0	90.0
60"		63.8	90.0	90.0	90.0
63"		60.8	90.0	90.0	87.8
66"		58.0	87.0	90.0	83.8
69"		55.5	83.2	90.0	80.2
72"		53.2	79.8	90.0	76.8
75"		51.0	76.6	90.0	73.8
36"	102"	90.0	90.0	90.0	90.0
39"		90.0	90.0	90.0	90.0
42"		85.8	90.0	90.0	90.0
45"		80.1	90.0	90.0	90.0
48"		75.1	90.0	90.0	90.0
51"		70.6	90.0	90.0	90.0
54"		66.7	90.0	90.0	90.0
57"		63.2	90.0	90.0	90.0
60"		60.0	90.0	90.0	86.8
63"		57.2	85.8	90.0	82.6
66"		54.6	81.9	90.0	78.9
69"		52.2	78.3	90.0	75.5
36"	108"	90.0	90.0	90.0	90.0
39"		87.2	90.0	90.0	90.0
42"		81.0	90.0	90.0	90.0
45"		75.6	90.0	90.0	90.0
48"		70.9	90.0	90.0	90.0
51"		66.7	90.0	90.0	90.0
54"		63.0	90.0	90.0	90.0
57"		59.7	89.5	90.0	86.3
60"		56.7	85.1	90.0	82.0
63"		54.0	81.0	90.0	78.1
66"		51.6	77.3	90.0	74.5
36"	114"	89.5	90.0	90.0	90.0
39"		82.7	90.0	90.0	90.0
42"		76.8	90.0	90.0	90.0
45"		71.6	90.0	90.0	90.0
48"		67.2	90.0	90.0	90.0
51"		63.2	90.0	90.0	90.0
54"		59.7	89.5	90.0	86.3
57"		56.6	84.8	90.0	81.7
60"		53.7	80.6	90.0	77.6
63"		51.2	76.8	90.0	73.9
36"	120"	85.1	90.0	90.0	90.0
39"		78.5	90.0	90.0	90.0
42"		72.9	90.0	90.0	90.0
45"		68.1	90.0	90.0	90.0
48"		63.8	90.0	90.0	90.0
51"		60.0	90.0	90.0	86.8
54"		56.7	85.1	90.0	82.0
57"		53.7	80.6	90.0	77.6
60"		51.0	76.6	90.0	73.8

ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-)					
NOMINAL DIMS.		ANCHOR TYPE 'A'			ANCHOR TYPE 'B'
WIDTH (W)	FRAME HEIGHT	A2	A3	A4	B2
36"	126"	81.0	90.0	90.0	90.0
39"		74.8	90.0	90.0	90.0
42"		69.4	90.0	90.0	90.0
45"		64.8	90.0	90.0	90.0
48"		60.8	90.0	90.0	87.8
51"		57.2	85.8	90.0	82.6
54"		54.0	81.0	90.0	78.1
57"		51.2	76.8	90.0	73.9
36"	132"	77.3	90.0	90.0	90.0
39"		71.4	90.0	90.0	90.0
42"		66.3	90.0	90.0	90.0
45"		61.9	90.0	90.0	89.4
48"		58.0	87.0	90.0	83.8
51"		54.6	81.9	90.0	78.9
54"		51.6	77.3	90.0	74.5
36"	138"	74.0	90.0	90.0	90.0
39"		68.3	90.0	90.0	90.0
42"		63.4	90.0	90.0	90.0
45"		59.2	88.8	90.0	85.5
48"		55.5	83.2	90.0	80.2
51"		52.2	78.3	90.0	75.5
36"	144"	70.9	90.0	90.0	90.0
39"		65.4	90.0	90.0	90.0
42"		60.8	90.0	90.0	87.8
45"		56.7	85.1	90.0	82.0
48"		53.2	79.8	90.0	76.8



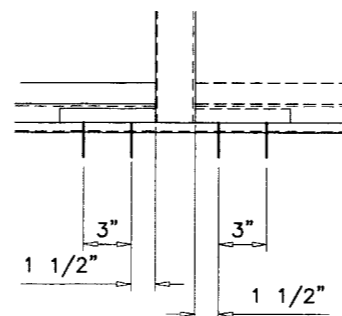
$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

$$\text{WIDTH (W)} = \frac{W1 + W2}{4}$$

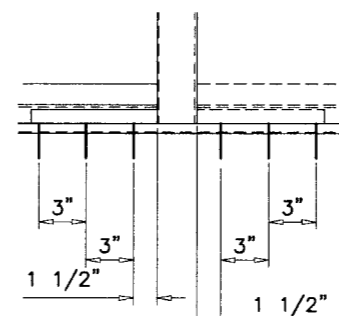


$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

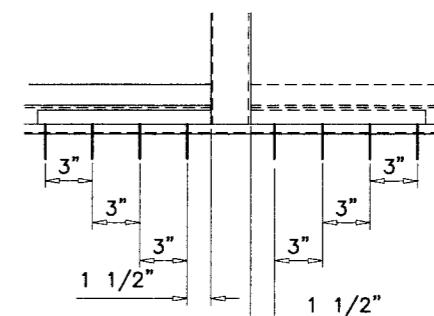
$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



A2, B2



A3



A4

ANCHORS TYPES: SEE SHEET 6 FOR DESCRIPTION

A2 = (2) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION
A3 = (3) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION
A4 = (4) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION

B2 = (2) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION

ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION.

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

PRODUCT REVISION
as complying with the Florida
Building Code
Adopted by
06-1026-03
2006.15.2012
AUG 17 2006

afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
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TEL. (305) 264-8100
FAX. (305) 262-6978
STORE/WO1-47YKK

YKK AP AMERICA INC.
332 FIRETOWER ROAD
DUBLIN, GEORGIA 31021
TEL.(478) 277-1955 FAX(478) 277-1978

revisions:
no date by description
C 08.18.06
UPDATED FOR 2004 FBC

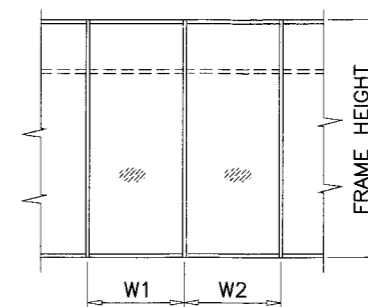
date: 07-25-01
scale: -
dr. by: HAMID
chk. by:

drawing no.
WO1-47
sheet 4 of 9

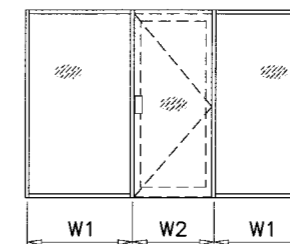
ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-)						
NOMINAL DIMS.		ANCHOR TYPE 'C'			ANCHOR TYPE 'D'	
WIDTH (W)	FRAME HEIGHT	C2	C3	C4	D2	D3
36"	72"	90.0	90.0	90.0	90.0	90.0
39"		90.0	90.0	90.0	90.0	90.0
42"		90.0	90.0	90.0	90.0	90.0
45"		90.0	90.0	90.0	90.0	90.0
48"		90.0	90.0	90.0	90.0	90.0
51"		87.5	90.0	90.0	90.0	90.0
54"		82.7	90.0	90.0	90.0	90.0
57"		78.3	90.0	90.0	90.0	90.0
60"		74.4	90.0	90.0	90.0	90.0
63"		70.9	90.0	90.0	90.0	90.0
66"		67.6	90.0	90.0	90.0	90.0
69"		64.7	90.0	90.0	90.0	90.0
72"		62.0	90.0	90.0	87.8	90.0
75"		59.5	89.3	90.0	84.3	90.0
36"	78"	90.0	90.0	90.0	90.0	90.0
39"		90.0	90.0	90.0	90.0	90.0
42"		90.0	90.0	90.0	90.0	90.0
45"		90.0	90.0	90.0	90.0	90.0
48"		85.8	90.0	90.0	90.0	90.0
51"		80.8	90.0	90.0	90.0	90.0
54"		76.3	90.0	90.0	90.0	90.0
57"		72.3	90.0	90.0	90.0	90.0
60"		68.7	90.0	90.0	90.0	90.0
63"		65.4	90.0	90.0	90.0	90.0
66"		62.4	90.0	90.0	88.4	90.0
69"		59.7	89.6	90.0	84.5	90.0
72"		57.2	85.8	90.0	81.0	90.0
75"		54.9	82.4	90.0	77.8	90.0
36"	84"	90.0	90.0	90.0	90.0	90.0
39"		90.0	90.0	90.0	90.0	90.0
42"		90.0	90.0	90.0	90.0	90.0
45"		85.0	90.0	90.0	90.0	90.0
48"		79.7	90.0	90.0	90.0	90.0
51"		75.0	90.0	90.0	90.0	90.0
54"		70.9	90.0	90.0	90.0	90.0
57"		67.1	90.0	90.0	90.0	90.0
60"		63.8	90.0	90.0	90.0	90.0
63"		60.7	90.0	90.0	86.0	90.0
66"		58.0	87.0	90.0	82.1	90.0
69"		55.5	83.2	90.0	78.5	90.0
72"		53.1	79.7	90.0	75.2	90.0
75"		51.0	76.5	90.0	72.2	90.0
36"	90"	90.0	90.0	90.0	90.0	90.0
39"		90.0	90.0	90.0	90.0	90.0
42"		85.0	90.0	90.0	90.0	90.0
45"		79.4	90.0	90.0	90.0	90.0
48"		74.4	90.0	90.0	90.0	90.0
51"		70.0	90.0	90.0	90.0	90.0
54"		66.1	90.0	90.0	90.0	90.0
57"		62.7	90.0	90.0	88.7	90.0
60"		59.5	89.3	90.0	84.3	90.0
63"		56.7	85.0	90.0	80.3	90.0
66"		54.1	81.2	90.0	76.6	90.0
69"		51.8	77.6	90.0	73.3	90.0
72"		49.6	74.4	90.0	70.2	90.0
75"		47.6	71.4	90.0	67.4	90.0

ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-)						
NOMINAL DIMS.		ANCHOR TYPE 'C'			ANCHOR TYPE 'D'	
WIDTH (W)	FRAME HEIGHT	C2	C3	C4	D2	D3
36"	96"	90.0	90.0	90.0	90.0	90.0
39"		85.8	90.0	90.0	90.0	90.0
42"		79.7	90.0	90.0	90.0	90.0
45"		74.4	90.0	90.0	90.0	90.0
48"		69.8	90.0	90.0	90.0	90.0
51"		65.6	90.0	90.0	90.0	90.0
54"		62.0	90.0	90.0	87.8	90.0
57"		58.7	88.1	90.0	83.2	90.0
60"		55.8	83.7	90.0	79.0	90.0
63"		53.1	79.7	90.0	75.2	90.0
66"		50.7	76.1	90.0	71.8	90.0
69"		48.5	72.8	90.0	68.7	90.0
72"		46.5	69.8	90.0	65.8	90.0
75"		44.6	67.0	89.3	63.2	90.0
36"	102"	87.5	90.0	90.0	90.0	90.0
39"		80.8	90.0	90.0	90.0	90.0
42"		75.0	90.0	90.0	90.0	90.0
45"		70.0	90.0	90.0	90.0	90.0
48"		65.6	90.0	90.0	90.0	90.0
51"		61.8	90.0	90.0	87.5	90.0
54"		58.4	87.5	90.0	82.6	90.0
57"		55.3	82.9	90.0	78.3	90.0
60"		52.5	78.8	90.0	74.4	90.0
63"		50.0	75.0	90.0	70.8	90.0
66"		47.7	71.6	90.0	67.6	90.0
69"		45.7	68.5	90.0	64.7	90.0
36"	108"	82.7	90.0	90.0	90.0	90.0
39"		76.3	90.0	90.0	90.0	90.0
42"		70.9	90.0	90.0	90.0	90.0
45"		66.1	90.0	90.0	90.0	90.0
48"		62.0	90.0	90.0	87.8	90.0
51"		58.4	87.5	90.0	82.6	90.0
54"		55.1	82.7	90.0	78.0	90.0
57"		52.2	78.3	90.0	73.9	90.0
60"		49.6	74.4	90.0	70.2	90.0
63"		47.2	70.9	90.0	66.9	90.0
66"		45.1	67.6	90.0	63.8	90.0
36"	114"	78.3	90.0	90.0	90.0	90.0
39"		72.3	90.0	90.0	90.0	90.0
42"		67.1	90.0	90.0	90.0	90.0
45"		62.7	90.0	90.0	88.7	90.0
48"		58.7	88.1	90.0	83.2	90.0
51"		55.3	82.9	90.0	78.3	90.0
54"		52.2	78.3	90.0	73.9	90.0
57"		49.5	74.2	90.0	70.0	90.0
60"		47.0	70.5	90.0	66.5	90.0
63"		44.8	67.1	89.5	63.4	90.0
36"	120"	74.4	90.0	90.0	90.0	90.0
39"		68.7	90.0	90.0	90.0	90.0
42"		63.8	90.0	90.0	90.0	90.0
45"		59.5	89.3	90.0	84.3	90.0
48"		55.8	83.7	90.0	79.0	90.0
51"		52.5	78.8	90.0	74.4	90.0
54"		49.6	74.4	90.0	70.2	90.0
57"		47.0	70.5	90.0	66.5	90.0
60"		44.6	67.0	89.3	63.2	90.0

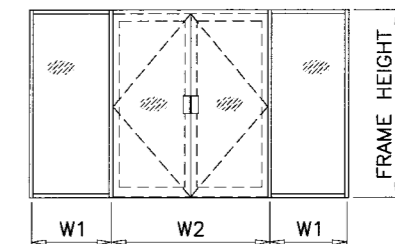
ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-)						
NOMINAL DIMS.		ANCHOR TYPE 'C'			ANCHOR TYPE 'D'	
WIDTH (W)	FRAME HEIGHT	C2	C3	C4	D2	D3
36"	126"	70.9	90.0	90.0	90.0	90.0
39"		65.4	90.0	90.0	90.0	90.0
42"		60.7	90.0	90.0	86.0	90.0
45"		56.7	85.0	90.0	80.3	90.0
48"		53.1	79.7	90.0	75.2	90.0
51"		50.0	75.0	90.0	70.8	90.0
54"		47.2	70.9	90.0	66.9	90.0
57"		44.8	67.1	89.5	63.4	90.0
36"	132"	67.6	90.0	90.0	90.0	90.0
39"		62.4	90.0	90.0	88.4	90.0
42"		58.0	87.0	90.0	82.1	90.0
45"		54.1	81.2	90.0	76.6	90.0
48"		50.7	76.1	90.0	71.8	90.0
51"		47.7	71.6	90.0	67.6	90.0
54"		45.1	67.6	90.0	63.8	90.0
36"	138"	64.7	90.0	90.0	90.0	90.0
39"		59.7	89.6	90.0	84.5	90.0
42"		55.5	83.2	90.0	78.5	90.0
45"		51.8	77.6	90.0	73.3	90.0
48"		48.5	72.8	90.0	68.7	90.0
51"		45.7	68.5	90.0	64.7	90.0
36"	144"	62.0	90.0	90.0	87.8	90.0
39"		57.2	85.8	90.0	81.0	90.0
42"		53.1	79.7	90.0	75.2	90.0
45"		49.6	74.4	90.0	70.2	90.0
48"		46.5	69.8	90.0	65.8	90.0



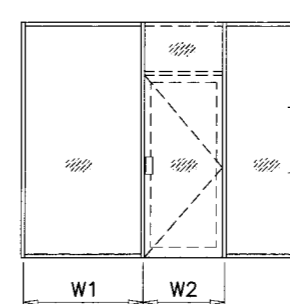
$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



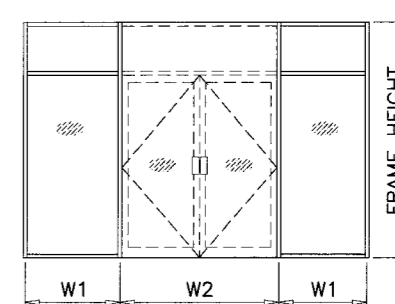
$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



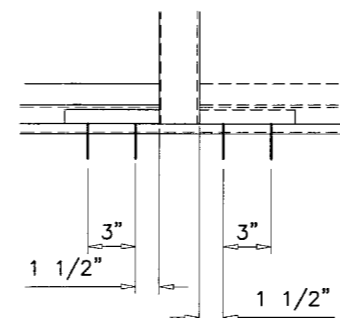
$$\text{WIDTH (W)} = \frac{W1}{2} + \frac{W2}{4}$$



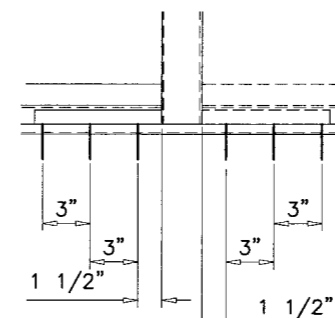
$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



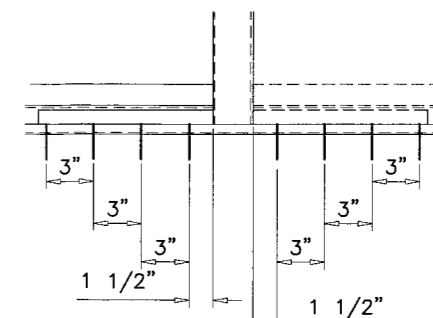
$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



C2, D2



C3, D3



C4

ANCHORS TYPES: SEE SHEET 6 FOR DESCRIPTION

C2 = (2) ANCHORS TYPE 'C' AT EACH SIDE OF MULLION
C3 = (3) ANCHORS TYPE 'C' AT EACH SIDE OF MULLION
C4 = (4) ANCHORS TYPE 'C' AT EACH SIDE OF MULLION

D2 = (2) ANCHORS TYPE 'D' AT EACH SIDE OF MULLION
D3 = (3) ANCHORS TYPE 'D' AT EACH SIDE OF MULLION

ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION.

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

AUG 17 2006

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 06-1026-DB
Expiration Date AUG-15-2012
By: *Manuel Perez*
Miami Dade Product Control
Division

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

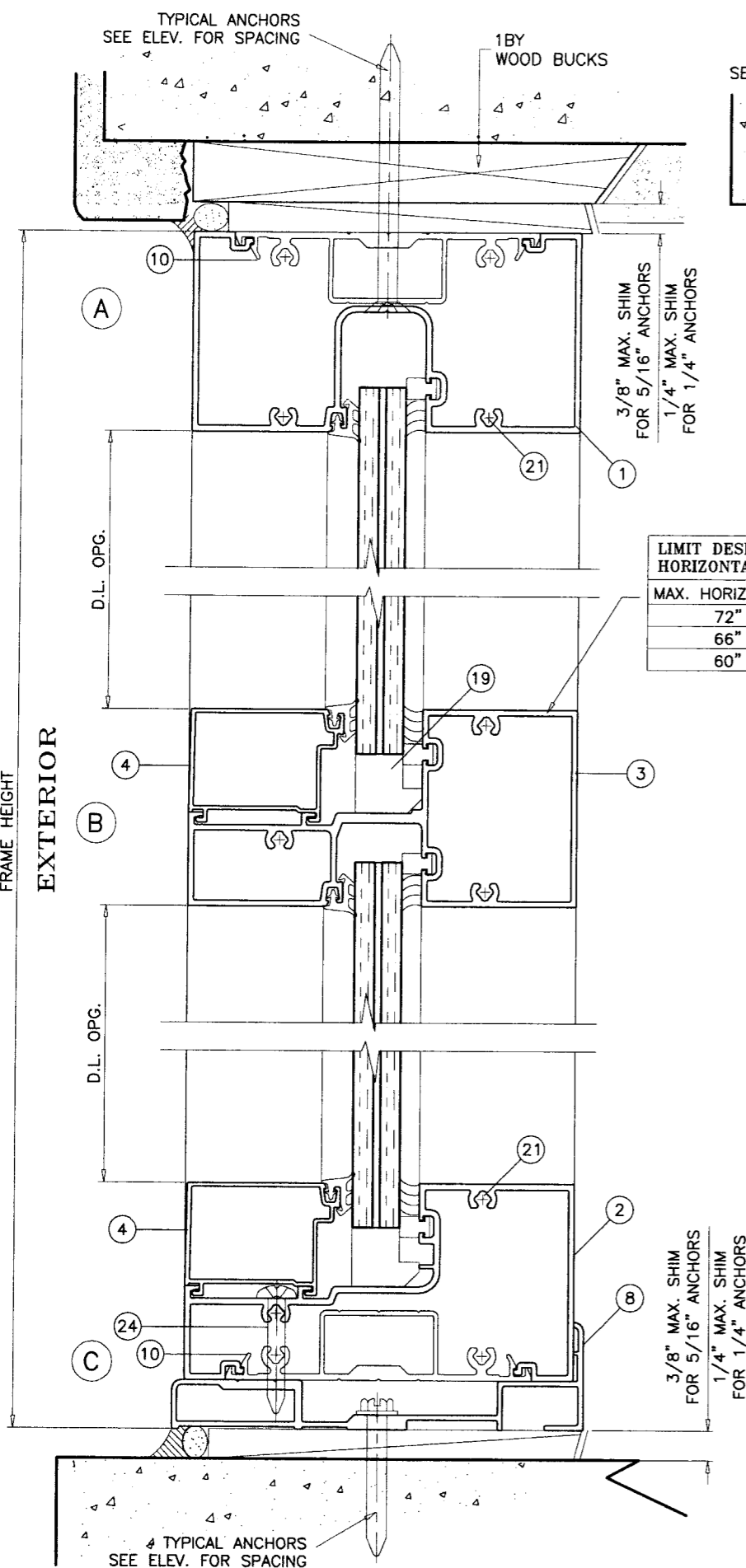
YHS-50 FS ALUM FLUSH GLAZE STOREFRONT SYS. (L.M.)
YKK AP AMERICA INC.
332 FIRETOWER ROAD
DUBLIN, GEORGIA 31021
TEL (478) 277-1955 FAX (478) 277-1978

revisions:	no.	date	by	description
	1	08.18.06	C	UPDATED FOR 2004 FBC

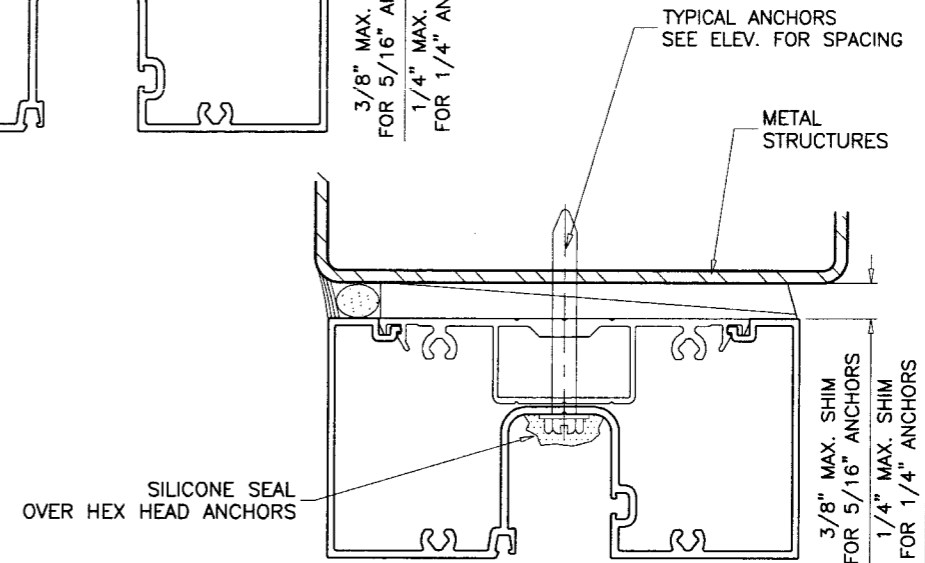
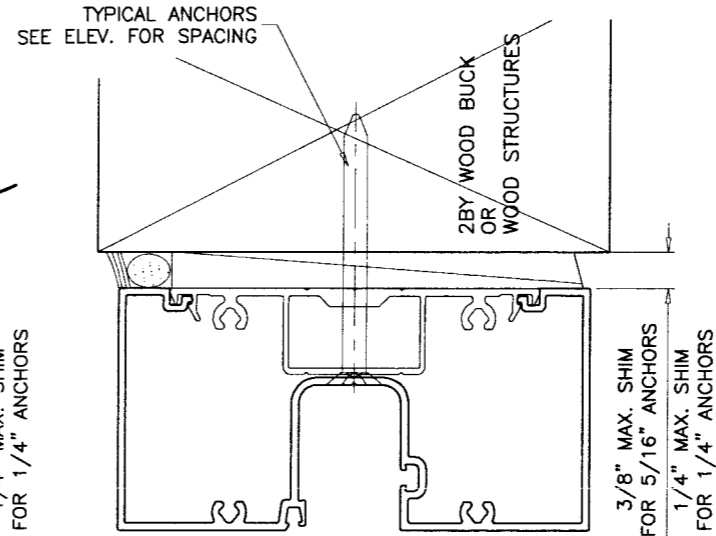
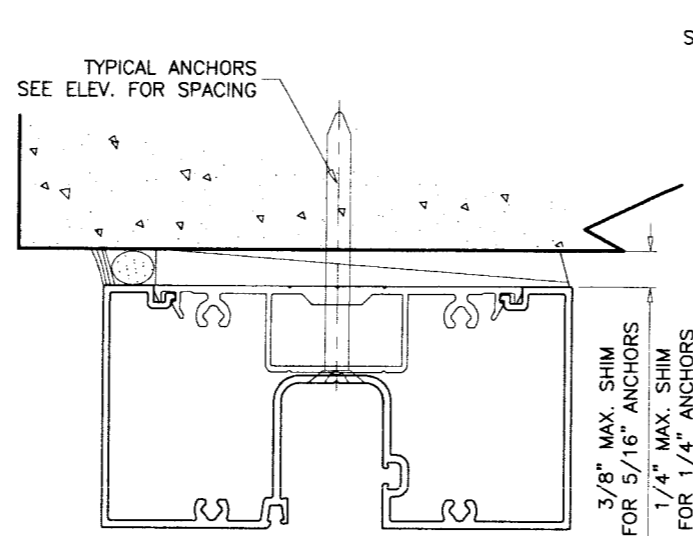
date: 07-25-01
scale: -
dr. by: HAMID
chk. by:

drawing no.
W01-47
sheet 5 of 9

FRAME HEIGHT
EXTERIOR



LIMIT DESIGN LOADS FOR HORIZONTAL AS FOLLOWS	
MAX. HORIZ. SPAN	MAX. DESIGN LOADS
72"	57 PSF
66"	72 PSF
60"	90 PSF



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

A) 5/16" DIA TAPCONS

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES WITH 1-1/2" MIN. PENETRATION INTO WOOD
THRU 1BY WOOD BUCKS INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONCRETE

DIRECTLY INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONC.

THRU 1BY WOOD BUCKS INTO MASONRY (AT JAMBS ONLY) WITH 1-1/4" MIN. EMBED INTO MASONRY

DIRECTLY INTO MASONRY (AT JAMBS ONLY) WITH 1-1/4" MIN. EMBED INTO MASONRY

B) 5/16" DIA. TEKS/DRIL-FLEX SELF DRILLING SCREWS

INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHOR EDGE DISTANCES

INTO CONCRETE AND MASONRY = 3" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 1/2" MIN.

SEALANTS:

ALL FRAME CORNERS SEALED WITH DOW-795 SILICONE SEALANT.

WOOD BUCKS AND METAL STRUCTURES NOT BY YKK AP MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

C) 1/4" DIA TAPCONS

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES WITH 1-1/2" MIN. PENETRATION INTO WOOD
THRU 1BY WOOD BUCKS INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONCRETE

DIRECTLY INTO CONCRETE WITH 1-1/4" MIN. EMBED INTO CONC.

THRU 1BY WOOD BUCKS INTO MASONRY (AT JAMBS ONLY) WITH 1-1/4" MIN. EMBED INTO MASONRY

DIRECTLY INTO MASONRY (AT JAMBS ONLY) WITH 1-1/4" MIN. EMBED INTO MASONRY

D) 1/4" DIA. TEKS/DRIL-FLEX SELF DRILLING SCREWS

INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHOR EDGE DISTANCES

INTO CONCRETE AND MASONRY = 2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 1/2" MIN.

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

PRODUCT ADVISED
on compliance with the Florida
Building Code
Approval No. 06-1026-08
Approval Date AUG 15, 2012
By: *Manuel Sere*
Signature of Product Control
Manager

AUG 17 2008

afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 262-6978
FAX. (305) 262-6978
STORE W01-47YKK

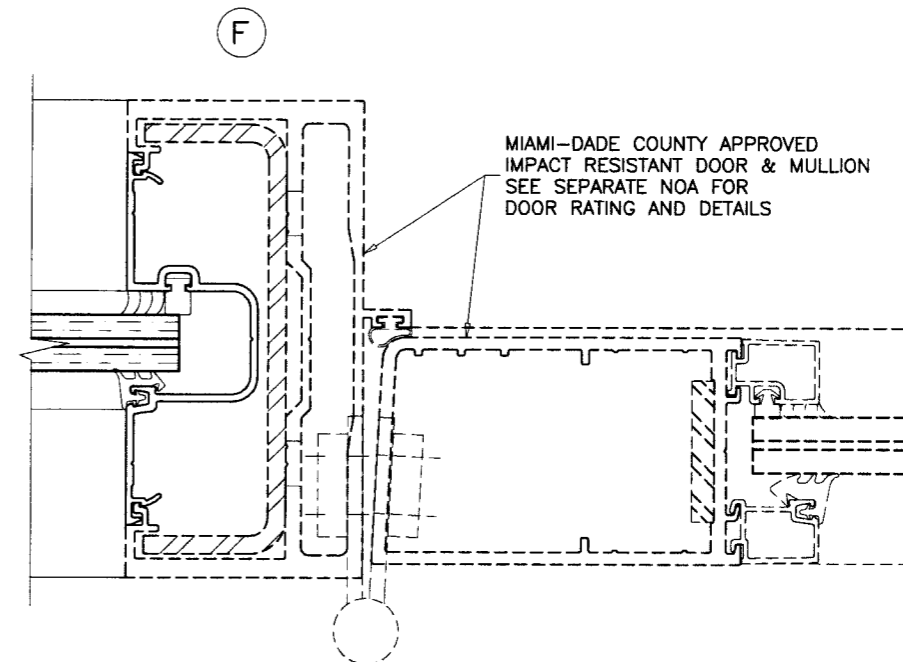
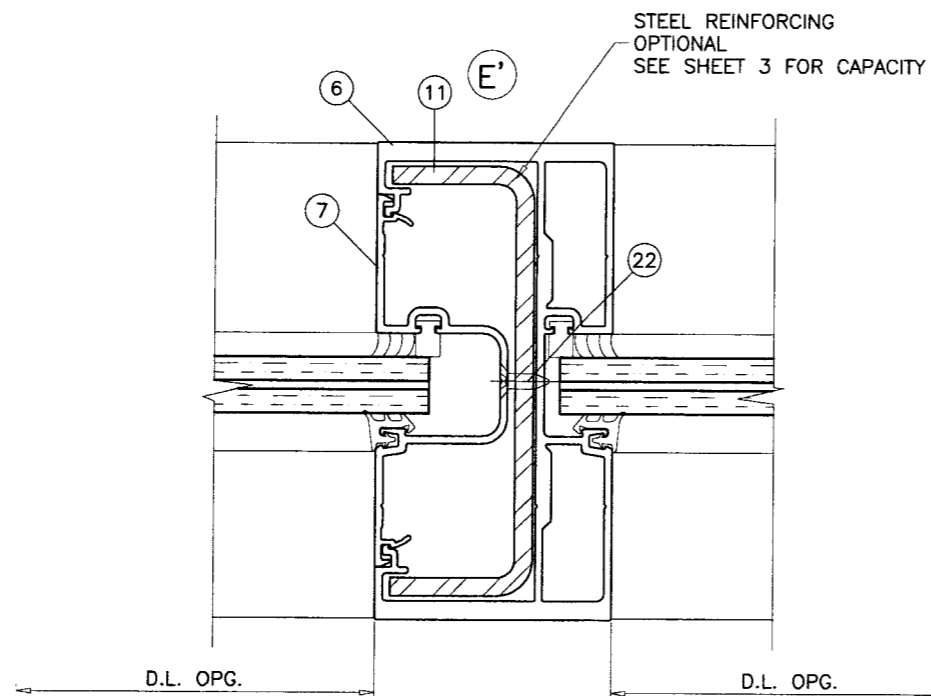
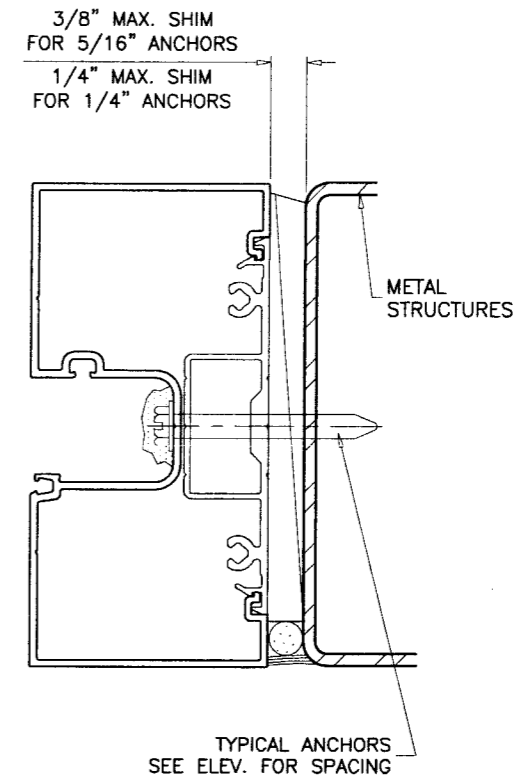
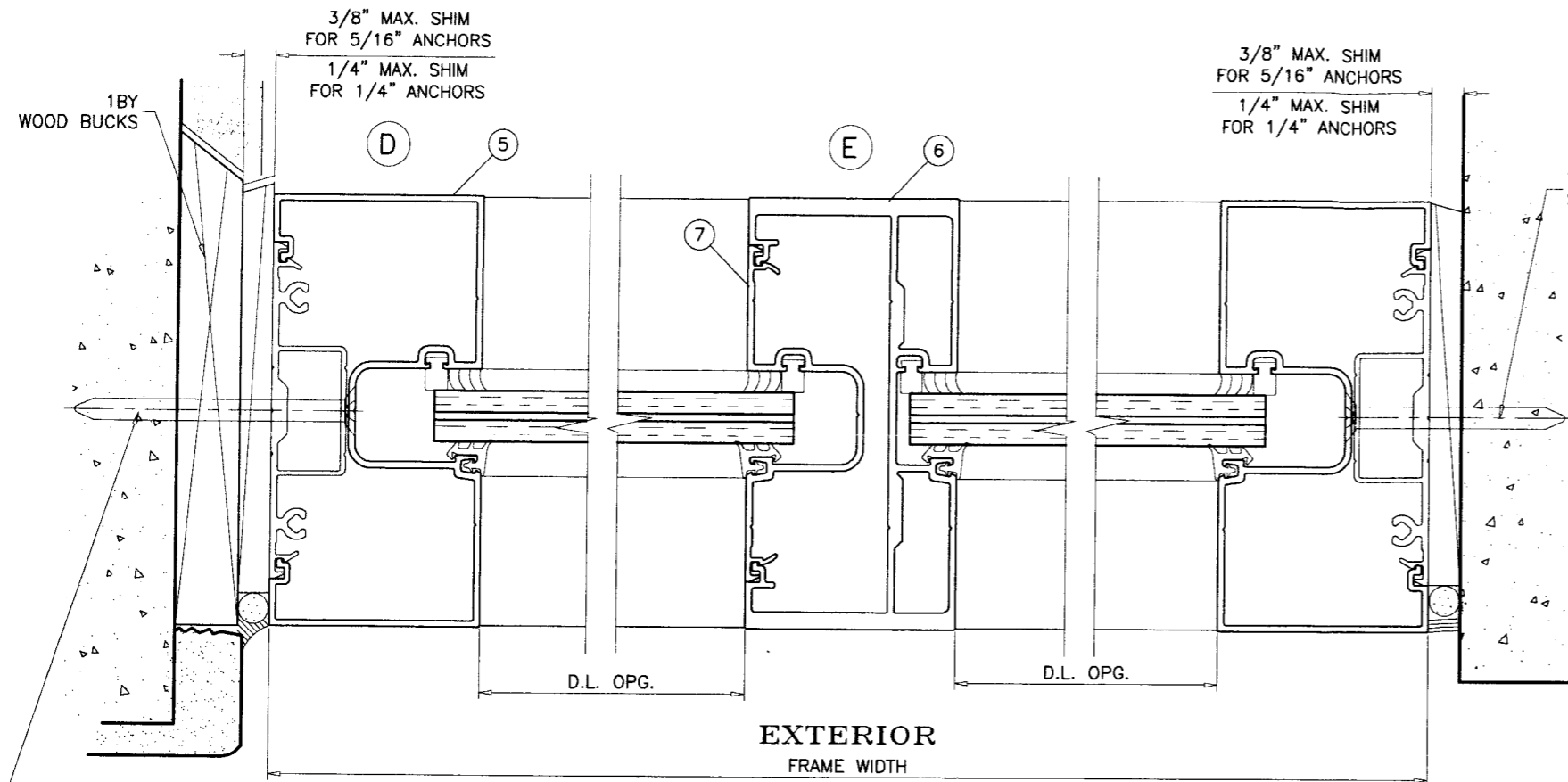
YKK AP AMERICA INC.
332 FIRETOWER ROAD
DUBLIN, GEORGIA 31021
TEL. (478) 277-1955 FAX (478) 277-1978
YHS-50 FS ALUM FLUSH GLAZE STOREFRONT SYS. (L.M.)
YKK AP

revisions:	
no	date by description
C	08.18.06 by description UPDATED FOR 2004 FBC

date: 07-25-01
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W01-47

sheet 6 of 9



Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

PRODUCT REVISED
to comply with the Florida
Building Code
Auto Stamp No. 06-1026-08
Exp. Date 08/15/2012

Signature
AUG 17 2006

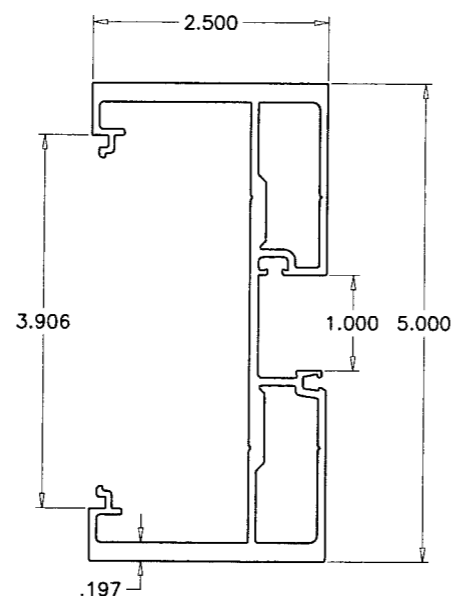
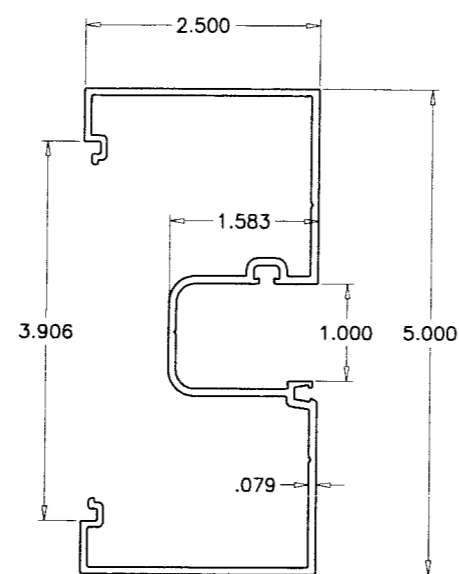
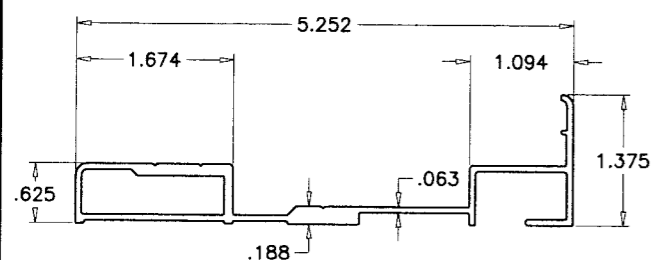
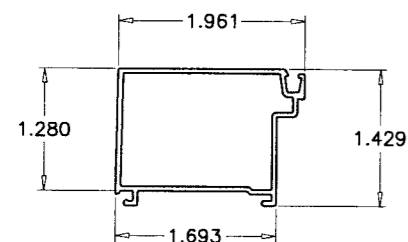
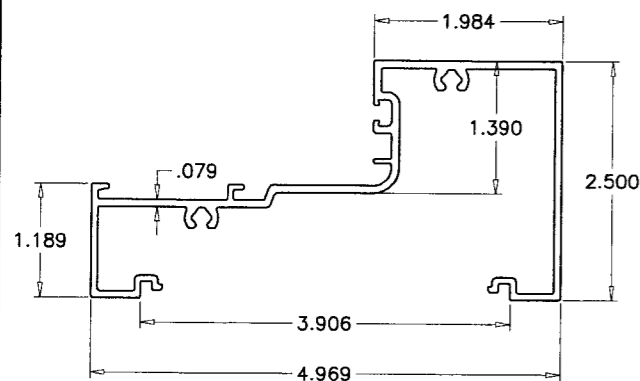
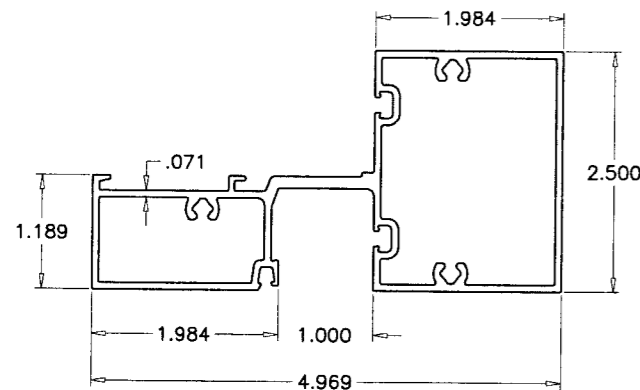
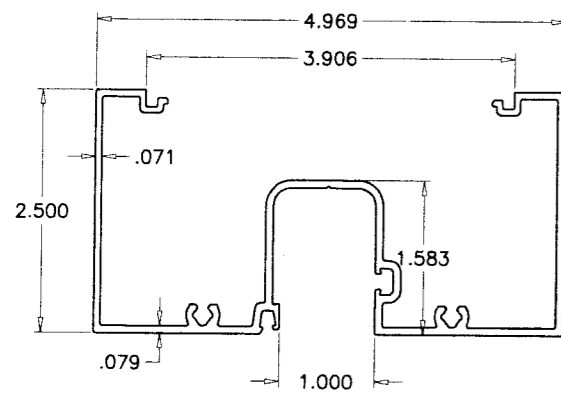
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
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STORE/W01-47YKK

YHS-50 FS ALUM FLUSH GLAZE STOREFRONT SYS. (L.M.)
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332 FIRETOWER ROAD
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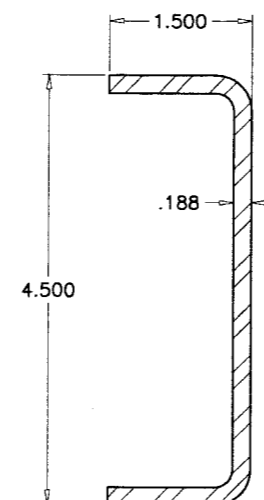
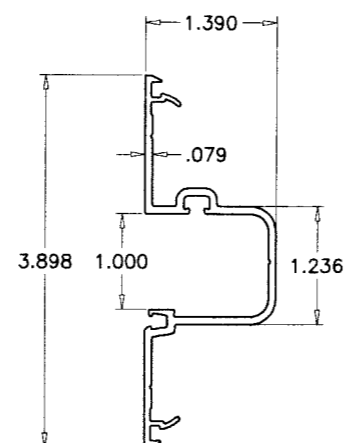
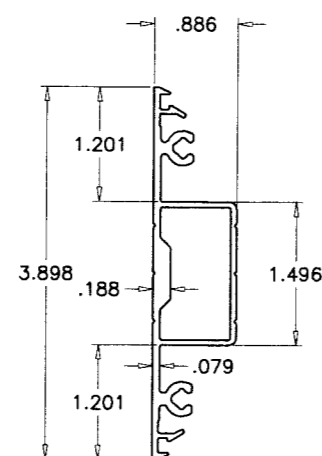
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C	08.18.06		UPDATED FOR 2004 FBC

date: 07-25-01
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W01-47
sheet 7 of 9



DIMENSIONS ARE INCHES



ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E9-0601	AS REQD.	FRAME HEAD	6063-T5	-
2	E9-0615	AS REQD.	FRAME SILL	6063-T5	-
3	E9-0603	AS REQD.	FRAME HORIZONTAL	6063-T5	-
4	E9-0608	AS REQD.	GLAZING STOP	6063-T5	-
5	E9-0604	AS REQD.	FRAME JAMB	6063-T5	-
6	E9-0605	AS REQD.	MULLION	6063-T6	-
7	E9-0606	AS REQD.	POCKET FILLER	6063-T5	-
8	E9-0616	AS REQD.	SILL FLASHING	6063-T5	-
10	E1-1071	AS REQD.	ANCHOR PLATE	6063-T5	-
11	E1-1062	AS REQD.	REINFORCING CHANNEL	STEEL	LENGTH = FRAME HT. - 6 5/8"
13	DOW 995	AS REQD.	GLAZING COMPOUND	SILICONE	-
16	E2-0083	AS REQD.	EXTERIOR GLAZING GASKET	EPDM	FOR 9/16" GLASS
17	E2-0084	AS REQD.	INTERIOR SILICONE SPACER	EPDM	-
18	E2-0094	AS REQD.	SIDE BLOCK	EPDM	-
19	E2-0080	AS REQD.	SETTING BLOCK	EPDM	-
21	PC-1216	AS REQD.	#12 X 1" SMS	STEEL	FOR SCREW SPLINE
22	FF-1008	AS REQD.	#10 X 1/2" SMS	STEEL	FOR GLAZING POCKET FILLER
23	PC-1408	AS REQD.	#14 X 1/2" SMS	STEEL	FOR THRESHOLD
24	PC-1424	AS REQD.	#14 X 1-1/2" SMS	STEEL	FOR SILL

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YKK
ap™

YKHS-50 FS ALUM FLUSH GLAZE STOREFRONT SYS. (L.M.)

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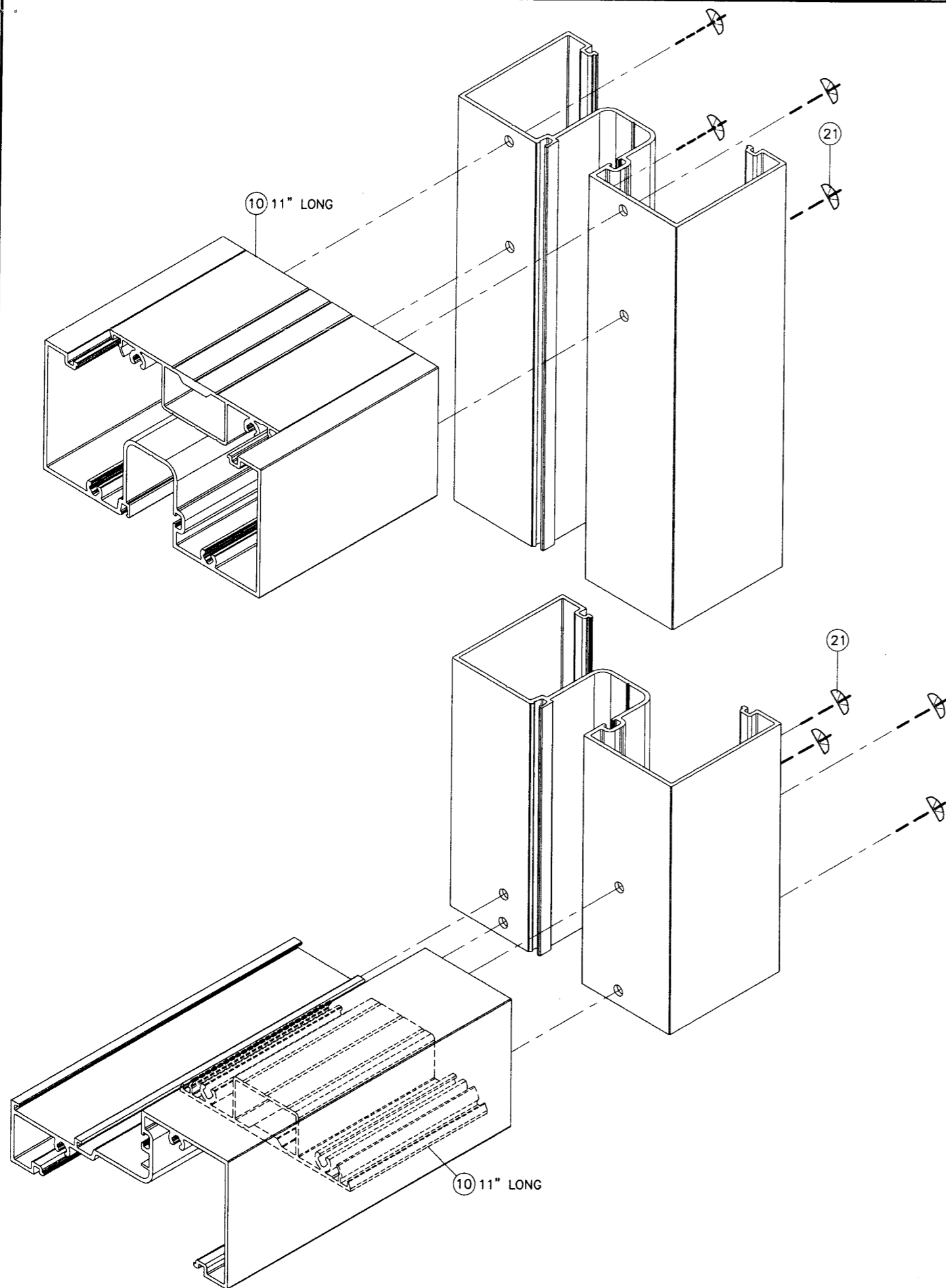
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dr. by: HAMID	C	08.18.06 UPDATED FOR 2004 FBC
chk. by:		

Engr: DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

PRODUCT REVISED
as complying with the Florida
Building Code
Approved By 06-1026.08
Examination Date AUG. 13, 2012

~~AUG 17 200~~

drawing no.
W01-47
sheet 8 of 9



FRAME CORNERS

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

REVISIONS
DATE: 07-25-01
SCALE: 1/2" = 1"
DR. BY: HAMID
CHK. BY:

AUG 17 2006

REVISIONS
DATE: 07-25-01
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sheet 9 of 9

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